NO.NEWZ/BBMP/PDDZ/2019-20

To,
The Executive Engineer,
Project Division, Dasarahaali Zone
Hesaraghatta Main Road
Bangalore-560073

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work:Construction of Dialysis centre at Mallasandra in ward No:13			
Item No	Description of work	Unit	Qty
1	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in	Sqm	25.00
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water cum supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in	cum	1167.91
3	KSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier underand around the column	cum	98.52
4	KSRB 4-1.2 : Providing and laying in position plain cement concrete of cum mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse	Cum	26.98
5	KSRB 4.2.1: Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal	cum	202.53
6	KSRB 2.3: Filling available excavated earth (excluding rock) in sides cum of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each	cum	53.87
7	KSRB 2.5 : Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by	cum	239.69
8	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm cum and down size graded granite metal	Sqm	-7.88
9	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal	cum	11.38
10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded cum granite metal coarse	Sqm	3.29
11	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass	Sqm	147.94
12	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, Sqm. propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan	Sqm	82.97
13	KSRB 4-6.10 Providing and removing centering, shuttering, strutting, Sqm propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour	Sqm	55.32
14	KSRB 4-6.11 Providing and removing centering, shuttering, strutting, gqm propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase	Sqm	31.27

Item No	Description of work	Unit	Qty
15	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding	0.00	7.68
16	KSRB 9.4-1 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster	Sqm	1.10
17	KSRB 9-13-1: Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail	Sqm	32.30
18	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of	Sqm	26.64
19	KSRB 7.8: Providing and fixing in position in cement concrete 1:3:6 steel Sqm glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved	Kgs	3.15
20	KSRB 7.9 : Providing and fixing M.S.grill work for windows and Kgs ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per	Sqm	740.03
21	KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever	Sqm	657.44
22	KSRB15-3.7 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth	Sqm	378.73
23	KSRB 15-3-13 : Providing 12mm thick cement piaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering,	Sqm	344.93
24	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed	Sqm	287.85
25	KSRB 14-17.2 : Providing skirting, dadoing, rises of steps with colour glazed tiles 15x15cmc 6mm on 10mm thick cement plaster 1:3 and jointed with white cement	cum	187.86
26	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment	Sqm	197.20
27	0179 Handles to full width 0.3 mt long	Each	22.00
28	0188 Hinges 5" heavy duty	Each	60.00
29	0427 Tower bolt 300 mm long	Each	24.00
30	Providing Screws	Each	150.00
31	0220 Locking arrangements	Sqm	7.00
32	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and	Sqm	723.66
33	KSRB 15-15.1 : Providing and applying painting with primer in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade	Sqm	723.66
34	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to	Sqm	336.92

Item No	Description of work	Unit	Qty
35	KSRB 15-17.5: Applying priming coat over new wood surface and / or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign	Sqm	74.67
36	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even	Sqm	74.67
37	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and	Sqm	3.15
38	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade	Sqm	3.15
39	KSRB 11-4 : Providing and fixing white vitreous china clay, water pan closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap,	pan	2.00
40	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber	Each	2.00
41	SRB 11-11.2 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a single 15mm C.P brass pillar tap with C.I I M.S brackets, 32 mm C.P.	Unit	4.00
42	0114 Copper plated brass piller tap	Each	8.00
43	KSRB 11-9.1: Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm with 5 litres P.V.C automatic flushing cistern, C.I / M.S	Unit	3.00
44	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-	Nos	5.00
45	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain	M	70.00
46	25 MM Pipe	M	70.00
47	32 MM Pipe	M	70.00
48	KSRB 8.6-7: Providing and fixing on wail surface 4.0 kg I sq.cm H.D.P.E. tt) rain down water pipes 110 mm outer dia. approved make and brand with necessary specials like	M	32.00
49	Providing and fixing unplasticised PVC with 110mm outer dia pipes 10.00 kg/sq.cm working pressure chemp plast I Wavin or equivalent make with pipe fittings, clips,	M	100.00
50	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 :1996 with manhole lid and suitable locking\ arrangements, making holes	Nos	1.00
51	Submersible Single Phase 1.0HP/75KW Stage 15	Nos	1.00
52	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular Unit shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board	Unit	4.00
53	KSRB 11-16: Providing and fixing 600x120mm glass shelf supported on aliuminium angle frame with C.P brass brackets, guard rail fixed to wooden cleats with C.P. brass	Unit	4.00
54	Providing and fixing Cl Nahani trap of 12.5cms X 7.5cms approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is	Each	8.00

Item No	Description of work	Unit	Qty
55	KSRB13-6.4-1 : Providing and fixing in position brass ball valve high or Each low pressure with plastic float of approved quality 20mm nominal bore including cost of all	Each	4.00
56	KSRB13-7.2-1 : Providing and fixing in position 25mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of	Nos	3.00
57	Providing and fixing gun metal wheel valve 20mm dia conforming to IS specification of approved make as per directions including all lead and lift etc. :	Each	5.00
58	Providing gun metal pillar cocks 15mm dia of I class conforming to ISI specifications and fixing them in position as per directions including of cost of materials and fixtures	Each	5.00
59	Providing NP/CP waste unions conforming 40mm dia to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance	Each	8.00
60	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes	Rmt	0.00
61	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2mm thick conforming to IS 2509 with suitable size bends, metal/PVC junction boxes	Rmt	0.00
62	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 19/20mm dia 2mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and	Rmt	400.00
63	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 25mm dia 2.mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing	Rmt	0.00
64	Concealed Conduit System Supplying heavy gauge PVC conduit pipe 32mm dia 2.5mm metal/PVC junction boxes adhesive paste etc. By groove cutting in the wall and fixing	Rmt	30.00
65	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or concealed system of wiring	Rmt	500.00
66	1.5Sqm	Rmt	600.00
67	2.5Sqm	Rmt	400.00
68	4.0Sqm	Rmt	300.00
69	10.0Sqm	Rmt	30.00
70	Point wiring using Copper wire without switch.Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using 1100V Grade, COPPER conductor	Each	20.00
71	Medium point a above 3mtr up to 6mtr from tapping point to out let via switch	Each	20.00
72	Long point a above 6mtr up to 10mtr from tapping point to out let via switch	Each	20.00
73	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve , indicator ON/OFF, energy cross-3	Each	2.00
74	5-32Amps SP MCB (,I No-6.15.1 of PWD S.R 2014-15)	Each	5.00

Item No	Description of work	Unit	Qty
75	32-40A FP ELMCB (,I No-6.17.3 of PWD S.R 2014-15)	Each	2.00
76	16-25A DP ELMCB (,I No-6.17.1 of PWD S.R 2014-15)	Each	2.00
77	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type	Nos	2.00
78	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mounting using required clamps, bolts, nuts etc. with provision for fixing suitable type	Nos	2.00
79	Supply and fixing of bakelite D.P/Socket/ switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS	Nos	35.00
80	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plateas per IS 3854 and IS	Nos	10.00
81	Supply patti type fluorescent tube light fitting of 4'- 28 watts fluorescent tube fitting, made out of M.S sheet and stove enameled with HF Electronic Ballast,locking type	Nos	10.00
82	Supplying of recessed/surface mount aesthetic 2'x2' modular luminaries made out of single piece powder coated CRCA sheet steel accommodating all electrical accessories	Nos	5.00
83	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-	Nos	10.00
84	Supply and fixinjg metal fan box with round hook(Page No - 115, I No-17.9 of PWD S.R 2014-15)	Nos	30.00
85	6Amps SP Switch (I No-3.7.1 of PWD S.R 2014-15)	Nos	30.00
86	6Amps 3way 5 pin socket (I No-3.7.3 of PWD S.R 2014-15)	Nos	40.00
87	16Amps SP Switch (I No-3.7.7 of PWD S.R 2014-15)	Nos	30.00
88	16Amps 3way 5 pin Socket (I No-3.7.10 of PWD S.R 2014-15)	Nos	40.00
89	32Amps Flush/projected types DP switch (I No-3.7.9 of PWD S.R 2014-15)	Nos	10.00
90	Supplying and flush mounting powder coated metal / galvanised metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due	Each	40.00
91	4-5Way (I No-3.5.2of PWD S.R 2014-15)	Each	10.00
92	6Way (I No-3.5.3of PWD S.R 2014-15)	Each	10.00
93	8Way (I No-3.5.4of PWD S.R 2014-15)	Each	2.00
94	10-12Way (I No-3.5.5of PWD S.R 2014-15)	Each	1.00

Item No	Description of work	Unit	Qty
95	16Way (I No-3.5.6of PWD S.R 2014-15)	Each	1.00
96	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts	Each	40.00
97	4Moudule (I No-3.6.2 of PWD S.R 2014-15)	Each	10.00
98	6Moudule (I No-3.6.3 of PWD S.R 2014-15)	Each	20.00
99	8Moudule (I No-3.6.4 of PWD S.R 2014-15)	Each	4.00
100	10Moudule (I No-3.6.5 of PWD S.R 2014-15)	Each	4.00
101	12Moudule (I No-3.6.6 of PWD S.R 2014-15)	Each	10.00
102	19/20mm junction box(I No-1.5.1of PWD S.R 2014-15)	Each	150.00
103	Supplying and fixing of class A (medium duty)GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arraingements for UG	Rmt	8.00
104	Spplying, fixing ,wiring, earth electrode for grounding conduits, I C cutouts and other equipments on the meter board using 40mm dia 2.9mm thick GI pipe 2.5 mtr long	Nos	4.00
105	Supplying tinned copper lugs crimping and wiring to terminal point for wire of the following sizes.2.5sqmm.(Page No. 70, I No-7.21.8of PWD S.R 2014-15)	Nos	60.00
106	Supplying tinned copper lugs crimping and wiring to terminal point for wire of the following sizes.-35Sqmm Long Barrel(PageNo. 66, I No-12of PWD S.R 2014-15)	Nos	8.00
107	Supply box type suitable for 20W T5 single/twin Lamp & suspension mounted luminaire & optical reflector. Prewired with HF electronic Ballast, push fit type lamp	Each	15.00
108	Supplying CFL mirror light fitting with 2x11W CFL lamp, choke, Perspex cover and completely wired for use on 230V 50Hz AC (25/4.25)(I No-4.23 of PWD S.R 2014-15)	Each	4.00
109	KSRB 2-2.4 : Excavation 1.5m and above in width in soft rock without blasting for foundation of buildings, water supply, sanitary lines and electrical conduits either in	Cum	368.14
110	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including	Sqm	1057.90
111	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a	Sq.m	367.45
112	KSRB 5-11 : Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and	Sq.m	78.03
113	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical	Rmtr	1.00
114	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of	Rmtr	0.00

Item No	Description of work	Unit	Qty
115	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 0-50 mtr	Rmtr	50.00
116	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 50-100 mtr	Rmtr	50.00
117	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 100-150 mtr	Rmtr	50.00
118	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 150-200 mtr	Rmtr	50.00
119	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 150-200 mtr	Rmtr	50.00
120	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 250-300 mtr	Rmtr	41.00
121	Providing and fixing 160mm Borewell Cap complete as per specifications and directions of the Engineer in charge.	nos	1.00
122	Atalanta, suguna, CRI KIRLOSKER and other equipment pumps 10.00HP/7.5 KV (20 stage) P. No. XLI I.No.29) KPWD SR 2016-17)	no	1.00
123	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for	mtr	200.00
124	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance	mt	200.00
125	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the	mt	130.00
126	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing	each	1.00
127	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured)	each	30.00
128	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6Sqmm to 16	mtr	30.00
129	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to th complete as per specifications and directions of the Engineer in charge.e required ground level and	mt	30.00
130	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG	mtr	12.00
131	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts,	each	1.00
132	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of	nos	1.00
133	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete P. XXXVII PWD SR 2015-16	nos	4.00
134	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with	Sq.cms	23400.00

Item No	Description of work	Unit	Qty
135	Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held	nos	1.00
136	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000	nos	36.00

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Final bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

Asst. Executive Engineer
Project Division, Dasrahalli Zone
BBMP, Bangalore